

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| S45 | 6 | ("20010033924" "6238793" "6841226").PN. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 11:54 |
| S47 | 562 | kashiwagi-yoshiyuki\$.in. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 11:55 |
| S48 | 258 | 523/500.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 11:55 |
| S49 | 24 | (US-20010033924-\$ or US-20070027247-\$ or US-20080020217-\$ or US-20070093588-\$ or US-20040197561-\$).did. or (US-6844389-\$ or US-6841226-\$ or US-5973053-\$ or US-6287634-\$ or US-6238793-\$).did. or (EP-1715006-\$).did. or (JP-2002188000-\$ or JP-2000017157-\$ or JP-2003073538-\$ or JP-2003082212-\$ or JP-2003261695-\$ or JP-2003147182-\$ or JP-2004189863-\$ or JP-2004250697-\$ or JP-2005002174-\$ or JP-2002060555-\$).did. or (JP-10130434-\$ or WO-03054076-\$ or US-20030099815-\$).did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 11:55 |
| S50 | 7 | lucentite sen | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 14:00 |
| S51 | 29 | somasif mee | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 14:02 |
| S52 | 1107 | 524/442.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 14:13 |

| | | | | | | |
|-----|------|--|---|-----|----|---------------------|
| S53 | 571 | 524/599.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 14:14 |
| S54 | 1595 | 528/361.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 14:15 |
| S55 | 100 | 523/1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 14:15 |
| S56 | 131 | 523/125.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 14:16 |
| S57 | 281 | 523/124.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 14:16 |
| S58 | 122 | ueda-kazue.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 15:04 |
| S59 | 6 | ("20010033924" "6238793" "6841226"). PN. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 16:00 |
| S60 | 24 | (US-20010033924-\$ or US- 20070027247-\$ or US- 20080020217-\$ or US- 20070093588-\$ or US- 20040197561-\$).did. or (US-6844389-\$ or US- 6841226-\$ or US-5973053- \$ or US-6287634-\$ or US- 6238793-\$).did. or (EP- 1715006-\$).did. or (JP- 2002188000-\$ or JP- 2000017157-\$ or JP- 2003073538-\$ or JP- 2003082212-\$ or JP- 2003261695-\$ or JP- 2003147182-\$ or JP- 2004189863-\$ or JP- 2004250697-\$ or JP- 2005002174-\$ or JP- 2002060555-\$).did. or (JP- 10130434-\$ or WO- 03054076-\$ or US- 20030099815-\$).did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 16:00 |
| S61 | 2 | (S60 or S59) and oleyl | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 16:00 |
| S62 | 9 | (S60 or S59) and (\$9ylene oxide or \$9ylene glycol) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 16:03 |

| | | | | | | |
|-----|------|---|--|-----|----|------------------|
| S63 | 3 | ("5385776" "5747575" "5883173").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/02 16:22 |
| S64 | 5 | ("6238793").URPN. | USPAT | ADJ | ON | 2009/09/02 16:22 |
| S65 | 1548 | (polyester or \$5lactide) and (silicate same \$8onium) and oleyl | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 16:29 |
| S66 | 24 | (polyester or \$5lactide) same2 (silicate same \$8onium) same2 oleyl | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 16:30 |
| S67 | 9 | (polyester or \$5lactide) same2 (silicate same \$8onium) same2 ((\\$9ylene oxide or \\$9ylene glycol) with oleyl) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 16:32 |
| S68 | 24 | (polyester or \$5lactide) same2 (silicate same \$8onium) same2 oleyl | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:08 |
| S69 | 2 | jp-2003261695-\$.did. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:11 |
| S70 | 24 | enokida-akira.in. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:11 |
| S71 | 109 | yamagishi-kenichi.in. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:12 |
| S72 | 23 | tsurusaki-yoshiyuki.in. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:12 |
| S73 | 15 | (S60 or S59) and (surfactant or wetting or surface or compatabilizer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:13 |
| S74 | 10 | S73 and (polyester or \$5lactide) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:13 |
| S75 | 181 | (polyester or \$5lactide) same2 ((\\$9ylene oxide or \\$9ylene glycol or \\$5ethyleneoxide or \\$5ethyleneglycol) with oleyl ether) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:19 |

| | | | | | | |
|-----|-------|---|--|-----|----|------------------|
| S76 | 0 | S75 and ((sheet or layered) with silicate) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:41 |
| S77 | 958 | ((polyester or \$5lactide) and ((\\$9ylene oxide or \\$9ylene glycol or \\$5ethyleneoxide or \\$5ethyleneglycol) with \$oleyl ether) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:42 |
| S78 | 21 | S77 and ((sheet or layered) with silicate) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:42 |
| S79 | 160 | S77 and (\$3hydroxyethyl with ammonium) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:44 |
| S80 | 7 | S77 and ((\\$3hydroxyethyl near3 \\$6octadecyl) with ammonium) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:45 |
| S81 | 8 | S77 and phyllosilicate | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:46 |
| S82 | 44477 | ((polyester or \$5lactide) and ((\\$9ylene oxide or \\$9ylene glycol or \\$5ethyleneoxide or \\$5ethyleneglycol) same (surfactant or wetting or surface active or compatibilizer)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:47 |
| S83 | 31 | S82 and ((\\$3hydroxyethyl near3 \\$6octadecyl) with ammonium) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:49 |
| S84 | 786 | ((polyester or \$5lactide) and ((\\$9ylene oxide or \\$9ylene glycol or \\$5ethyleneoxide or \\$5ethyleneglycol) same (surfactant or wetting or surface active or compatibilizer) same \\$6oleyl ether) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:56 |
| S85 | 3 | S84 and phyllosilicate | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 17:56 |

| | | | | | | |
|-----|------|--|--|-----|----|------------------|
| S86 | 786 | ((polyester or \$5lactide) and ((\\$9ylene oxide or \\$9ylene glycol or \\$5ethyleneoxide or \\$5ethyleneglycol) same (surfactant or wetting or surface active or compatibilizer) same \\$6oleyl ether) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:10 |
| S87 | 30 | S86 and polymer with (composite or nanocomposite) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:10 |
| S88 | 435 | ((polyester or \$5lactide) same polyethylene) and ((\\$9ylene oxide or \\$9ylene glycol or \\$5ethyleneoxide or \\$5ethyleneglycol) same (surfactant or wetting or surface active or compatibilizer) same \\$6oleyl ether) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:13 |
| S89 | 369 | polyoxyethylene alkyl ether and (polymer with (composite or nanocomposite)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:30 |
| S90 | 0 | S89 and ((\\$3hydroxyethyl near3 \\$6octadecyl) with ammonium) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:30 |
| S91 | 1 | S89 and phyllosilicate | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:30 |
| S92 | 3751 | ((polyoxyethylene alkyl ether) same oleyl or lauryl) and (polymer with (composite or nanocomposite)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:31 |
| S93 | 100 | ((polyoxyethylene alkyl ether) same (oleyl or lauryl)) and (polymer with (composite or nanocomposite)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:31 |
| S94 | 3 | S89 and (nano clay or nanoclay) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:35 |
| S95 | 157 | ((polyoxyethylene alkyl ether) same oleyl or lauryl) and (nanoclay or nano clay) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:37 |

| | | | | | | |
|------|-----|---|--|-----|----|------------------|
| S96 | 3 | ((polyoxyethylene alkyl ether) same (oleyl or lauryl)) and (nanoclay or nano clay) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:40 |
| S97 | 17 | ((polyoxyethylene alkyl ether or polyethylene glycol or peg or polyethyleneglycol or peo) same (oleyl or lauryl)) and (nanoclay or nano clay) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:41 |
| S98 | 74 | ((polyester or \$5lactide or \$5lactic acid) same emalex) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:46 |
| S99 | 346 | ((polyester or \$5lactide or \$5lactic acid) and emalex) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:49 |
| S100 | 1 | S99 and ((3hydroxyethyl near3 \$6octadecyl) with ammonium) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:49 |
| S101 | 398 | ((polyethylene or pe) and emalex) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:50 |
| S102 | 1 | S101 and ((3hydroxyethyl near3 \$6octadecyl) with ammonium) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:50 |
| S103 | 330 | S101 and (polyester or \$5lactide or \$5lactic acid) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:50 |
| S104 | 206 | S103 and silicate | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:51 |
| S105 | 7 | emalex with ("602" or "703" or "805" or "1605") | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 18:58 |
| S106 | 71 | brij7\$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:03 |
| S107 | 2 | jp-2002309074-\$.did. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:10 |

| | | | | | | |
|------|-----|--|---|-----|-----|---------------------|
| S108 | :0 | jp-20000171574-\$ did. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:11 |
| S109 | :2 | jp-2000017157-\$ did. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:11 |
| S110 | :0 | jp-9169893-\$ did. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:11 |
| S111 | :2 | jp-09169893-\$ did. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:12 |
| S112 | :2 | jp-08302062-\$ did. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:12 |
| S113 | :2 | jp-2003082212-\$ did. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:13 |
| S114 | :2 | jp-10130434-\$ did. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:14 |
| S115 | :1 | ("6238793").PN. | USPAT; USOCR | OR | OFF | 2009/09/02 19:15 |
| S116 | :3 | ("5385776" "5747575" "5883173").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/09/02 19:15 |
| S117 | :5 | ("6238793").URPN. | USPAT | ADJ | ON | 2009/09/02 19:15 |
| S118 | :2 | jp-2003073538-\$ did. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:16 |
| S119 | :2 | jp-2003261695-\$ did. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:17 |
| S120 | :30 | miyamoto-ikuya\$.in. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:24 |
| S121 | :69 | \$95 and (nonionic or non ionic) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:26 |

| | | | | | | |
|------|-------|---|--|-----|----|------------------|
| S122 | 11666 | brij | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:39 |
| S123 | 1611 | brij same nonionic | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:39 |
| S124 | 1748 | brij same non ionic | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:39 |
| S125 | 3191 | brij same (non ionic or nonionic) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:40 |
| S126 | 2657 | brij same (non ionic or nonionic) same surfactant | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:40 |
| S127 | 54 | S126 and (exfoliated or intercalated) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:41 |
| S131 | 119 | (brij and emalex) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 19:54 |
| S132 | 8 | (brij or emalex) and ((3hydroxyethyl near3 \$6octadecyl) with ammonium) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 20:05 |
| S133 | 11 | (brij or emalex) and ((3hydroxyethyl near3 \$6octadecyl) same ammonium) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 20:19 |
| S134 | 2 | ("5866645").PN. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 20:28 |
| S135 | 2 | ("5134171").PN. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 20:34 |
| S136 | 84 | (phyllosilicate same ammonium) and ((nonionic or non ionic) surfactant) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 20:48 |
| S137 | 69 | S136 and (polyester or polyethylene or pet or polylactide or polylactic or pe or thermoplastic) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 20:49 |

| | | | | | | |
|------|----|---|--|-----|----|------------------|
| S138 | 80 | ("4235751" "4412018" "4434075" "4435217" "4517112" "4810734" "4816517" "5552469" "5554670" "5582638" "5645758" "5698624" "5726247" "5747560" "5840796" "5876812" "5910523" "5962553" "6034163" "6036765" "6043300" "6060549" "6084019" "6103817" "6136908" "6156835" "6172121" "6225374" "6262162" "6271297" "6271298" "6632868" "6759463" "6790896" "6822035" "6841226" "6864308").PN. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/02 20:55 |
| S139 | 80 | ("4235751" "4412018" "4434075" "4435217" "4517112" "4810734" "4816517" "5552469" "5554670" "5582638" "5645758" "5698624" "5726247" "5747560" "5840796" "5876812" "5910523" "5962553" "6034163" "6036765" "6043300" "6060549" "6084019" "6103817" "6136908" "6156835" "6172121" "6225374" "6262162" "6271297" "6271298" "6632868" "6759463" "6790896" "6822035" "6841226" "6864308").PN. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/03 14:05 |
| S140 | 12 | S139 and (nonionic or non ionic) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/09/03 14:05 |
| S141 | 48 | (US-20010033924-\$ or US-20070027247-\$ or US-20080020217-\$ or US-20070093588-\$ or US-20040197561-\$ or US-20090017298-\$ or US-20060004135-\$ or US-20050043462-\$ or US-20040162403-\$ or US-20030036575-\$ or US-20080108742-\$ or US-20080242777-\$ or US-20060199890-\$ or US- | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/03 14:21 |

| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| | | | | | | | | |
| | | :20050239941-\$ or US- 20040214921-\$ or US- 20030176537-\$).did. or (US-6844389-\$ or US- 6841226-\$ or US-5973053- \$ or US-6287634-\$ or US- 6238793-\$ or US-6486253- \$ or US-6468655-\$ or US- 6994914-\$ or US-5866645- \$ or US-6790896-\$ or US- 7160942-\$ or US-5880197- \$ or US-6262162-\$ or US- 6034163-\$ or US-4435217- \$).did. or (EP-1715006-\$ or WO-3022927-\$ or WO- 2004099315-\$).did. or (JP- 2002188000-\$ or JP- 2000017157-\$ or JP- 2003073538-\$ or JP- 2003082212-\$ or JP- 2003261695-\$ or JP- 2003147182-\$ or JP- 2004189863-\$ or JP- 2004250697-\$ or JP- 2005002174-\$ or JP- 2002060555-\$).did. or (JP- 10130434-\$ or WO- 03054076-\$ or US- 20030099815-\$ or US- 20030176537-\$).did. | | | | | | |

9/3/2009 5:48:13 PM

C:\Documents and Settings\mpepitone\My Documents\EAST\Workspaces\10586737.wsp